

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 2    | (three near2 dimensio\$) with (interface or graphical) with (portal or viewpoint) same ((shape with (interface) with (change or changing or morph or morphing or alter or altering))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:07 |
| L2    | 27   | 715/782, 848-852.ccls. and (interface or graphical) with (portal or viewpoint) same ((shape with (interface) with (change or changing or morph or morphing or alter or altering)))    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:06 |
| L3    | 27   | 715/782, 848-852.ccls. and (interface or graphical) with (portal or viewpoint) same ((shape or geometry) with (change or changing or morph or morphing or alter or altering)))        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:33 |
| L4    | 0    | 3 not 2   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:07 |
| L5    | 8    | (interface or graphical) with (portal or viewpoint) same ((shape or geometry) with (change or changing or morph or morphing or alter or altering)))                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:33 |
| L6    | 8    | 5 not 2   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:08 |
| L7    | 3687 | (interface or graphical) same ((shape or geometry) with (change or changing or morph or morphing or alter or altering)))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:35 |
| L8    | 1    | 7 same (cue or focus) with content  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/03 05:09 |

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L9  | 6    | 7 same (cue or focus) with (information or identifi\$)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:35 |
| L10 | 1603 | 7 and (axis or axes)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:36 |
| L11 | 22   | 10 and portal   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:12 |
| L12 | 516  | 10 and (three or "3") near4 (dimensio\$)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:13 |
| L13 | 20   | 12 and (cue or focus) with (content or information or label)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:37 |
| L14 | 27   | 715/782, 848-852.ccls. and (interface or graphical) with (portal or viewpoint) same ((arrange or arranging or arrangement or layout) with (change or changing or morph or morphing or alter or altering)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:33 |
| L15 | 26   | (interface or graphical) with (portal or viewpoint) same ((arrange or arrangement or arranging or layout) with (change or changing or morph or morphing or alter or altering))                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:34 |
| L16 | 2901 | (interface or graphical) same ((arrange or arrangement or arranging or layout) with (change or changing or morph or morphing or alter or altering))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:35 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L17 | 2   | 16 same (cue or focus) with<br>(information or identifi\$ or<br>content)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:35 |
| L18 | 22  | 16 and (axis or axes) and portal  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:36 |
| L19 | 149 | 16 and (axis or axes) and (three<br>or "3") near4 (dimension or<br>dimensional) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:36 |
| L20 | 30  | 19 and (cue or focus) with<br>(content or information or label)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 05:37 |



SCIENCE @ DIRECT

Register or Login:

user name

Password:

Go

[Athens/Institution Log](#)

[Home](#) [Search](#) [Journals](#) [Books](#) [Abstract Databases](#) [My Profile](#) [Alerts](#)

[Help](#)

Quick Search:  within [All Full-text Sources](#) [Go](#) [Search Tips](#)

results 1 - 1

## 1 Articles Found

pub-date > 1994 and pub-date < 2003 and TITLE-ABSTR-KEY(portal AND user interface AND shape

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)

[Search With](#)

[Article List](#) [Partial Abstracts](#) [Full Abstracts](#)

[display checked docs](#) [e-mail articles](#) [export citations](#)

Sort By: [Date](#) [Go](#)

1. ☐ **The electronic view box: A software tool for radiation therapy treatment verification** •  
ARTICLE  
*International Journal of Radiation Oncology\*Biology\*Physics, Volume 31, Issue 1, 1 January 1995, Pages 135-142*  
Walter R. Bosch, Daniel A. Low, Russell L. Gerber, Jeff M. Michalski, Mary V. Graham, Carlos A. Perez, William B. Harms and James A. Purdy  
[Abstract](#) | [Abstract + References](#) | [PDF \(13065 K\)](#)

## 1 Articles Found

pub-date > 1994 and pub-date < 2003 and TITLE-ABSTR-KEY(portal AND user interface AND shape )

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)

results 1 - 1

[Home](#) [Search](#) [Journals](#) [Books](#) [Abstract Databases](#) [My Profile](#) [Alerts](#)

[Help](#)

[Contact Us](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2005 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.



SCIENCE @ DIRECT

Register or Login:

user name

Password:

Go

[Athens/Institution Log](#)
[Home](#) [Search](#) [Journals](#) [Books](#) [Abstract Databases](#) [My Profile](#) [Alerts](#)
[Help](#)Quick Search:  within [All Full-text Sources](#) [Go](#) [Search Tips](#)

results 1 - 3

### 3 Articles Found

pub-date &gt; 1994 and pub-date &lt; 2003 and TITLE-ABSTR-KEY(user interface AND shape and three dimensional)

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)[Search Withi](#)
[Article List](#) [Partial Abstracts](#) [Full Abstracts](#)
[display checked docs](#) [e-mail articles](#) [export citations](#)
Sort By: [Date](#) [Go](#)

1. ☐ **SR5 Lake Washington Ship Canal Bridge pushover analysis • ARTICLE**  
*Computers & Structures, Volume 72, Issues 1-3, 8 July 1999, Pages 63-80*  
 Thomas A. Ballard and Hassan Sedarat  
[Abstract](#)
2. ☐ **Multi-sensory user interface for a virtual-reality-based computeraided design system • ARTICLE**  
*Computer-Aided Design, Volume 29, Issue 10, October 1997, Pages 709-725*  
 Chi-Cheng P Chu, Tushar H Dani and Rajit Gadh  
[Abstract](#)
3. ☐ **FEView: An interactive visualization tool for finite elements • ARTICLE**  
*Finite Elements in Analysis and Design, Volume 19, Issue 4, May 1995, Pages 261-294*  
 Yao Zheng, Roland W. Lewis and David T. Gethin  
[Abstract](#)

### 3 Articles Found

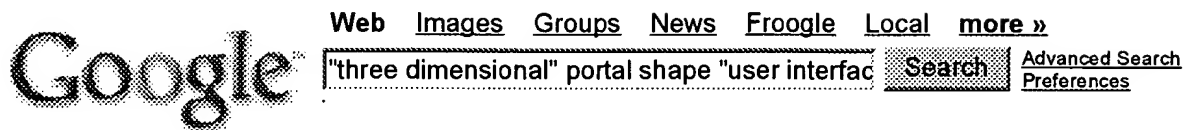
pub-date &gt; 1994 and pub-date &lt; 2003 and TITLE-ABSTR-KEY(user interface AND shape and three dimensional)

[Edit Search](#) | [Save Search](#) | [Save as Search Alert](#)

results 1 - 3

[Home](#) [Search](#) [Journals](#) [Books](#) [Abstract Databases](#) [My Profile](#) [Alerts](#)
[Help](#)[Contact Us](#) | [Terms & Conditions](#) | [Privacy Policy](#)

Copyright © 2005 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.



**Web** Results 1 - 10 of about 35,600 for "**three dimensional**" **portal shape** "**user interface**" . (0.20 seconds)

### 3D Magic Lenses

Magic lenses [2] are transparent **user interface** elements for windowing ... We have extended the metaphor of Magic Lenses to **three-dimensional** graphics. ...

[www.cs.cmu.edu/~stage3/publications/96/conferences/uist/lenses/](http://www.cs.cmu.edu/~stage3/publications/96/conferences/uist/lenses/) - 23k -

[Cached](#) - [Similar pages](#)

### Sponsored Links

#### Enterprise Portal Design

17 case studies (58 screenshots) of intranet portals: 104 pages, \$188

[www.nngroup.com/reports](http://www.nngroup.com/reports)

[PS] 1 3D Magic Lenses John Viega, Matthew J. Conway, George Williams ...

File Format: Adobe PostScript - [View as Text](#)

**User Interface** GroupDepartment of Computer Science University of Virginia, ... the utility of using **three dimensional** objects as datafilters. ...

[www.cs.cmu.edu/~stage3/publications/96/conferences/uist/lenses/3dlenses.ps](http://www.cs.cmu.edu/~stage3/publications/96/conferences/uist/lenses/3dlenses.ps) -

[Similar pages](#)

[PDF] Visualisation and Grid applications of electromagnetic scattering ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

design of **shape** and of material properties, with collaborating scientists ... scattering and on the initial development of a web **portal** interface to ...

[www.escience.cam.ac.uk/papers/ahm2003/ems.pdf](http://www.escience.cam.ac.uk/papers/ahm2003/ems.pdf) - [Similar pages](#)

### 2D computer graphics - Wikipedia, the free encyclopedia

... 2D computer graphics usually do not provide for **three-dimensional shapes**, ... The **user interface** within individual software applications is typically 2D ...

[en.wikipedia.org/wiki/2D\\_computer\\_graphics](http://en.wikipedia.org/wiki/2D_computer_graphics) - 31k - [Cached](#) - [Similar pages](#)

[PDF] 3DM: A Three Dimensional Modeler Using a Head-Mounted Display

File Format: PDF/Adobe Acrobat

Some of the **user interface** components are simply helpful markers that can be turned off, ... reflected in the **shape** of the cursor. For instance, when the ...

[portal.acm.org/ft\\_gateway.cfm?id=147182&type=pdf](http://portal.acm.org/ft_gateway.cfm?id=147182&type=pdf) - [Similar pages](#)

[PDF] Cognitive Cubes: A Tangible User Interface for Cognitive Assessment

File Format: PDF/Adobe Acrobat

assessment, tangible user interfaces, **three-dimensional** user ... -like tangible **user interface** for description of 3D. **shape**. With Cognitive Cubes ...

[portal.acm.org/ft\\_gateway.cfm?id=503438&type=pdf](http://portal.acm.org/ft_gateway.cfm?id=503438&type=pdf) - [Similar pages](#)

[ [More results from portal.acm.org](#) ]

### Linux Links - The Linux Portal: Software/Graphics/Modeling

It sports a simple **user interface**, an extensible architecture using plug-ins ... aims towards a **three dimensional** computer graphics engine which fits both ...

[www.linuxlinks.com/Software/Graphics/Modeling/index.shtml](http://www.linuxlinks.com/Software/Graphics/Modeling/index.shtml) - 50k -

[Cached](#) - [Similar pages](#)

### Linux Links - The Linux Portal: Software/Scientific/Numerical Analysis

a free **three-dimensional** structural finite element program ... provides a graphical **user interface** for creating surface triangulations ready for ...

[www.linuxlinks.com/Software/Scientific/Numerical\\_Analysis/index.shtml](http://www.linuxlinks.com/Software/Scientific/Numerical_Analysis/index.shtml) - 49k -

[Cached](#) - [Similar pages](#)

[ [More results from www.linuxlinks.com](#) ]

[\[PS\] Prism: a New Approach to Radiotherapy Planning Software \Lambda ...](#)

File Format: Adobe PostScript - [View as Text](#)

The Prism **user interface** and underlying design allow significant expansion ... computing leaf collimator settings to match an irregular beam **portal shape**, ...

[www.radonc.washington.edu/medinfo/prism/ijrobp-prism.ps](http://www.radonc.washington.edu/medinfo/prism/ijrobp-prism.ps) - [Similar pages](#)

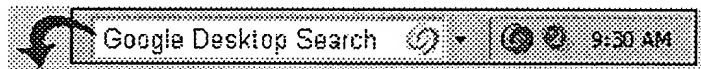
[Informatics in Radiology \(infoRAD\): Three-dimensional Atlas of the ...](#)

B-subdivision was applied to approximate the **shape** of the bifurcation. ... The **user interface** of the developed application contains the atlas viewing area, ...

[radiographics.rsna.org/cgi/content/full/25/1/263](http://radiographics.rsna.org/cgi/content/full/25/1/263) - [Similar pages](#)

Google

Result Page:    1   2   3   4   5   6   7   8   9   10    [Next](#)

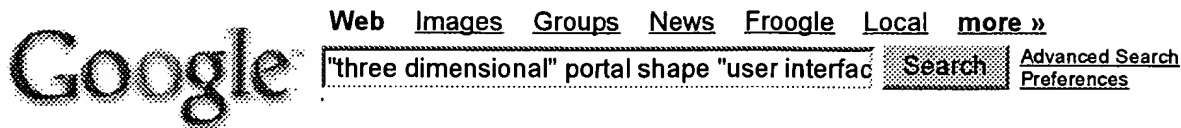


Free! Instantly find your email, files, media and web history. [Download now.](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [Hurricane Resources](#) - [About Google](#)

©2005 Google



**Web** Results 11 - 20 of about 35,600 for "three dimensional" portal shape "user interface" . (0.06 seconds)

Trends in Data Visualization Software for Business Users

Three strong trends have **shaped** the direction of data visualization software ... Users looking at geospatial data need maps and other **three-dimensional** data ...

[www.dmreview.com/article\\_sub.cfm?articleId=2183](http://www.dmreview.com/article_sub.cfm?articleId=2183) - 48k -

[Cached](#) - [Similar pages](#)

Sponsored Links

Enterprise Portal Design

17 case studies (58 screenshots) of intranet portals: 104 pages, \$188

[www.nngroup.com/reports](http://www.nngroup.com/reports)

[PDF] Location-Aware Active Signage Patrick James Nichols II

File Format: PDF/Adobe Acrobat - [View as HTML](#)

**user interface** for both active signage and MITquest, and our methodology for. route presentation. ... **PORTAL NAME PORTAL TYPE SPACE 1 SPACE 2 PORTAL SHAPE ...**

[groups.csail.mit.edu/graphics/pubs/thesis\\_nichols.pdf](http://groups.csail.mit.edu/graphics/pubs/thesis_nichols.pdf) - [Similar pages](#)

United States Patent Application: 0030095146

... a **portal** to the region, a **shape** of the region, and an orientation of the ... A windows management system, comprising: a **user interface**, and a window ...

[appft1.uspto.gov/.../20030095146&RS=DN/20030095146](http://appft1.uspto.gov/.../20030095146&RS=DN/20030095146) - 37k - [Cached](#) - [Similar pages](#)

Pad paper, Perlin & Fox, SIGGRAPH 1993.

His Fisheye **user interface** [Furnas] shows information of current ... This raster masking enables a **portal** to give a **shaped** view onto the Pad surface. ...

[www.foxthompson.net/dsf/pad/pad.html](http://www.foxthompson.net/dsf/pad/pad.html) - 46k - [Cached](#) - [Similar pages](#)

[PDF] 2003 I

File Format: PDF/Adobe Acrobat - [View as HTML](#)

software (KO1 0938) and allows for a standard graphical **user interface** ... beam **shape** while the radiation beam is on to create a **three dimensional** dose ...

[www.fda.gov/cdrh/pdf3/k031764.pdf](http://www.fda.gov/cdrh/pdf3/k031764.pdf) - [Similar pages](#)

Virtual Reality in Medicine Lab - Publications - Limitations of ...

Web-based Segmentation and Display of **Three-dimensional** Radiologic Image Data ...

There are two main pieces of Java code; the **user interface** which is sent ...

[www.uic.edu/ahs/sbhis/vrml/Publications/publicationsWebBasedSegment.htm](http://www.uic.edu/ahs/sbhis/vrml/Publications/publicationsWebBasedSegment.htm) - 21k -

[Cached](#) - [Similar pages](#)

Radiation Oncology Department - University of Florida - Radiation ...

The Pinnacle<sup>3</sup> system utilizes **three dimensional** ray trace and ray casting ... Multileaf collimation option, This option allows irregular field **shapes** with ...

[www.med.ufl.edu/radonc/Eq\\_TPS.htm](http://www.med.ufl.edu/radonc/Eq_TPS.htm) - 41k - [Cached](#) - [Similar pages](#)

Jay Eckles - Research - Information Technology: Meeting the ...

A newer technology also concentrates on improving the **user interface**: ... The round **shape** of the dome allows for easy use of the display by more than one ...

[www.jayeckles.com/research/vcft.pc](http://www.jayeckles.com/research/vcft.pc) - 31k - Oct 1, 2005 - [Cached](#) - [Similar pages](#)

[PDF] Implementing a Zooming User Interface: Experience Building Pad++

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Pad++ uses **shape** algebra in conjunction with a "damage and restoration" scheme to keep the ... **portal** looking at a **portal** looking at the object (and so on). ...

[www.cs.umd.edu/hcil/piccolo/learn/papers/spe-98-padimplementation.pdf](http://www.cs.umd.edu/hcil/piccolo/learn/papers/spe-98-padimplementation.pdf) - [Similar pages](#)



NCSA: 2001 Faculty Fellows Program Awardees

Many real-world problems can be cast as optimizing a **shape**; ... Traversing a certain loop in the **three-dimensional** space of triunduloids adds a bubble to ...

[www.ncsa.uiuc.edu/Divisions/DirOffice/](http://www.ncsa.uiuc.edu/Divisions/DirOffice/)

[CampusRelations/FFP/2001FacultyFellowsProgramAwardees.html](http://CampusRelations/FFP/2001FacultyFellowsProgramAwardees.html) - 45k -

[Cached](#) - [Similar pages](#)

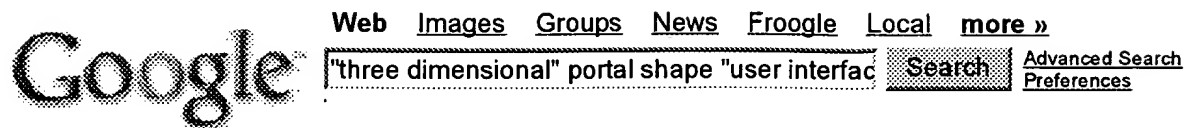


Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [Hurricane Resources](#) - [About Google](#)

©2005 Google



**Web** Results 21 - 30 of about 35,600 for "three dimensional" portal shape "user interface" . (0.09 seconds)

**[PDF] Adobe Atmosphere**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

by subtracting an object of any **shape** from a vertical surface or wall. ...  
Consistent **User Interface**—Atmosphere uses the Adobe **user interface**, ...

www.adobe.com/aboutadobe/pressroom/  
pressreleases/pdfs/200103/atmosaag.pdf - [Similar pages](#)

**Sponsored Links**

**[Enterprise Portal Design](#)**

17 case studies (58 screenshots) of  
intranet portals: 104 pages, \$188  
www.nngroup.com/reports

**[ORNL Review Vol. 33, No. 1, 2000](#)**

"We are developing a Virtual Human **Portal**," Ward says. ... We will also develop a **user interface** to present visualization of the results of the simulation ...

www.ornl.gov/ORNLReview/v33\_1\_00/virtual.htm - 31k - [Cached](#) - [Similar pages](#)

**[Spreadsheets for Structural Engineering - Free software](#)**

**Portal** Frame Analysis for MS Windows v3.x/95/98 - **Portal** Frame Analysis to BS449, ...

Practical-use software for easy creation of **three-dimensional** models. ...  
www.structural-engineering.fsnet.co.uk/free.htm - 91k - [Cached](#) - [Similar pages](#)

**[Computer mouse - Wikipedia, the free encyclopedia](#)**

In interactive **three-dimensional** graphics, the mouse's motion is often directly ... The  
Macintosh **user interface** was designed so that all functions were ...

en.wikipedia.org/wiki/Computer\_mouse - 74k - [Cached](#) - [Similar pages](#)

**[UnrealWiki: Terminology](#)**

Polygon – two-dimensional, flat, closed **shape** in **three-dimensional** space, ... A

WarpZone's **portal** renders what can be seen from the destination **portal**, ...

wiki.beyondunreal.com/wiki/Terminology - 37k - Oct 2, 2005 - [Cached](#) - [Similar pages](#)

**[PDF] [Bringing Real Applications to the Virtual Environment](#)**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

applications and is the primary **user interface**. tool in Toolset. ... The walls emphasize the  
**portal**. icon and the path back to Nexus. ...

www.frerichs.net/papers/bringing\_real\_applications.PDF - [Similar pages](#)

**[Digital Design and Web Design News 43 | Dexigner Design Portal](#)**

Dexigner Logo, Dexigner Design **Portal**, Dexigner Concept ... The new design and **user interface** makes it even easier for investors to quickly access timely ...

www.dexigner.com/digital/news-252.html - 28k - Oct 1, 2005 - [Cached](#) - [Similar pages](#)

**[PDF] [A Community-Centric Internet Portal for Stereotactic and ...](#)**

File Format: PDF/Adobe Acrobat

**User interface** of the SFN-P application: the STN is displayed in axial, ... **three-dimensional** volumetric or wireframe images, or a single magnified view ...

content.karger.com/ProdukteDB/produkte.asp?Aktion=ShowPDF&  
ProduktNr=224132&Ausgabe=229054&Art... - [Similar pages](#)

**[lg3d-core: Project Looking Glass Related Technologies](#)**

This approach enables you to fly around your desktop, change the **shape** of the icons  
and ... Elements of a **Three-dimensional** Graphical **User Interface**, ...

https://lg3d-core.dev.java.net/ lg3d-related-technologies.html - 64k - Oct 1, 2005 -

[Cached](#) - [Similar pages](#)

Metaphors we compute by: bringing magic into interface design

The magic of a trash can has to do with its being a **portal** to the beyond in the ... Successful **user interface** metaphors tap into a reservoir of bodily ...

[philosophy.uoregon.edu/metaphor/gui4web.htm](http://philosophy.uoregon.edu/metaphor/gui4web.htm) - 31k - [Cached](#) - [Similar pages](#)



Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [Hurricane Resources](#) - [About Google](#)

©2005 Google

# Interference Search

| Ref # | Hits | Search Query  | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------|------------------|---------|------------------|
| L1    | 0    | (portal and ((shape or arrangement or layout) with (change or changing or modify or modifying or alter or altering or adapt or adapting)) and ((three or "3") near4 (dimension or dimensional))))).clm.   | US-PGPUB | OR               | ON      | 2005/10/03 06:01 |
| L2    | 49   | ((((shape or arrangement or layout) with (change or changing or modify or modifying or alter or altering or adapt or adapting)) and ((three or "3") near4 (dimension or dimensional)))and interface).clm. | US-PGPUB | OR               | ON      | 2005/10/03 06:02 |
| L3    | 20   | 2 and (axes or sphere or network or search or searching).clm.   | US-PGPUB | OR               | ON      | 2005/10/03 06:03 |
| L4    | 27   | 2 and (information or content).clm.   | US-PGPUB | OR               | ON      | 2005/10/03 06:04 |
| L5    | 1    | 2 and (information or content) with (viewpoint or focus or portal).clm.   | US-PGPUB | OR               | ON      | 2005/10/03 06:04 |